

DETAILED ACTION

1. The object to claim 19 has been withdrawn.
2. Claims 1-19 are allowed.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

As applicant pointed out under Remark section, pages 15-17, Liang (US 7,120,572), taken either singly and/or in combination with other cited prior arts, do not teach the combined functional limitations of a second step of estimation, by program analysis, and in consideration of said level of precision, of said set of particular contexts of execution and of said operational specificities of platforms, of information relating to a structure of the program, execution paths of the program and to the values of data, at various points of the execution paths and under different execution conditions, of the states of the program and data handled by the program; a third step for determining said validity criteria, by means of the information extracted by said program analysis, by computation of said functions on the occurrences or particular sequences of occurrences of particular operations, dealing with particular values, at particular points of the program, in particular states of the program, for the set of execution paths determined by analysis, as recited in such manners in each of independent claim 1.

Prior arts of record do not teach and/or suggest these claimed limitations, thus, all remaining pending claims 1-19 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ISAAC T. TECKLU whose telephone number is (571) 272-7957. The examiner can normally be reached on M-TH 9:300A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Isaac T Tecklu/
Examiner, Art Unit 2192

/Tuan Q. Dam/
Supervisory Patent Examiner, Art Unit 2192

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